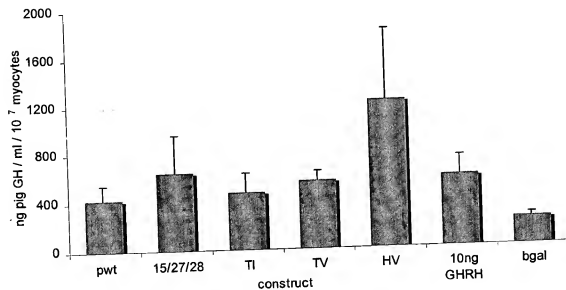


A. YADAIFTNSYRKVLGQLSARKLLQDIMSRQQGERNQEQGA-OH porcine wild-type
HVDAIFTNSYRKVLAQLSARKLLQDILNRQQGERNQEQGA-OH HV-GHRH

B.



C.

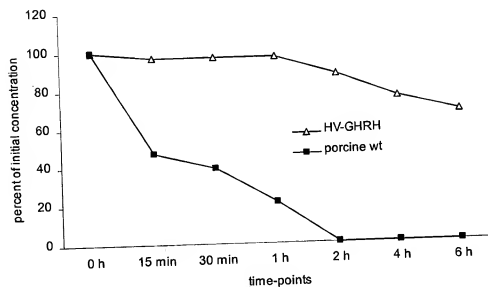
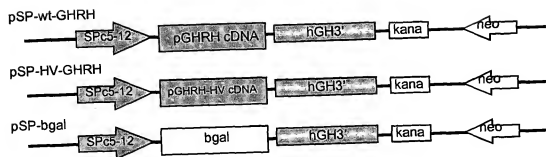
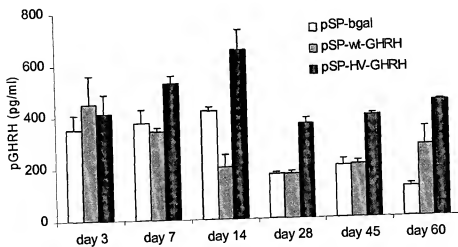


FIG. 1

A.



B.



C.

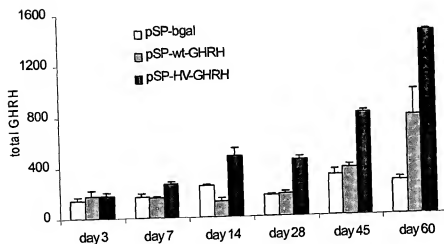


FIG. 2

10021403.121201

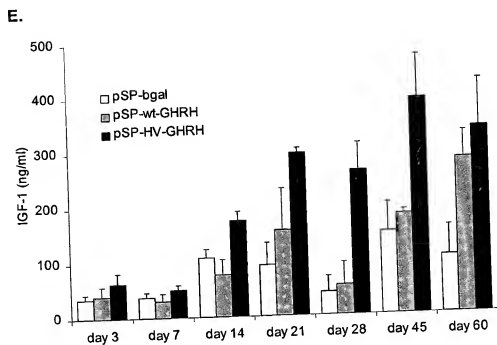
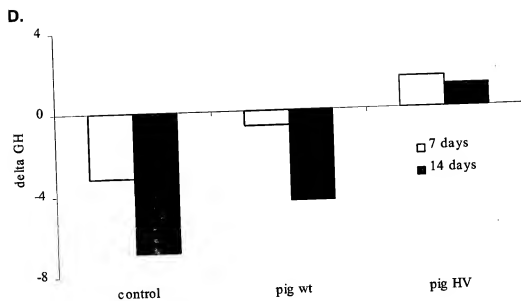
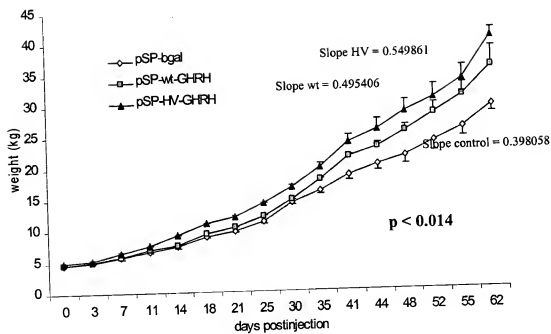


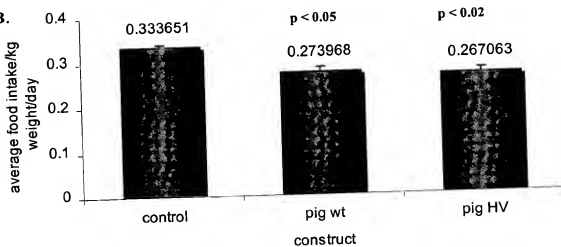
FIG. 2

10021403-121201

A.



B.



C.



FIG. 3

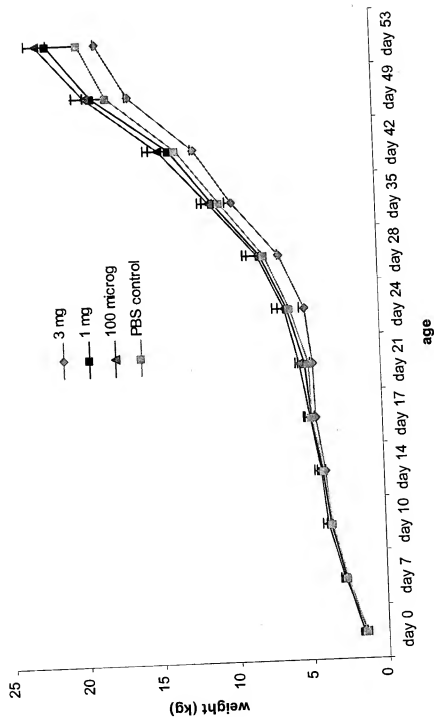


FIG. 4

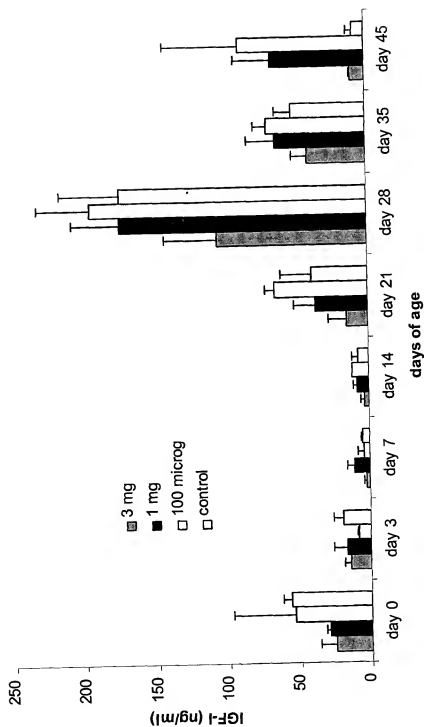


FIG. 5

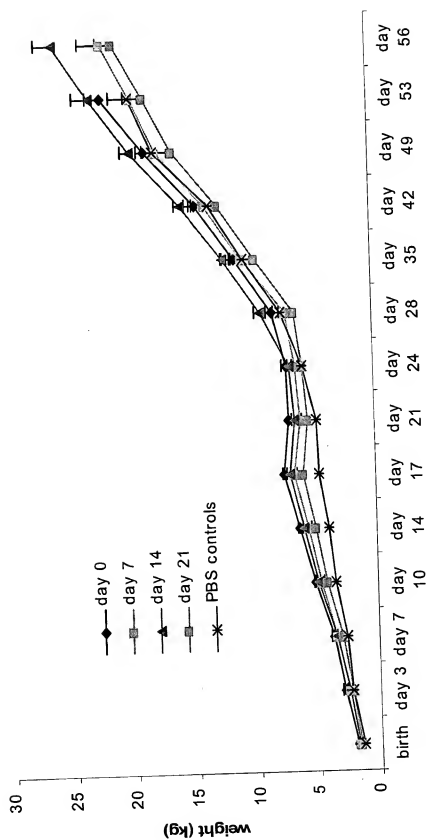


FIG. 6

102121-EO412001

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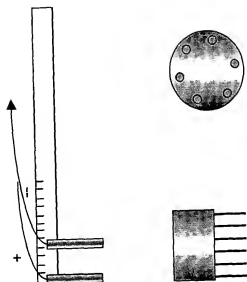


FIG. 7

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Birth Weight

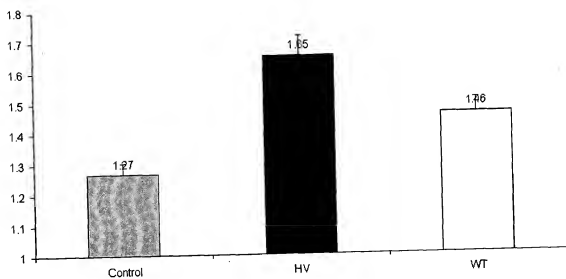


FIG. 8

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Injected With pSP-GHRH at 95 Days of Gestation
Piglets Were Analyzed To 180 Days After Birth (150 Kg)

Weight at Weaning

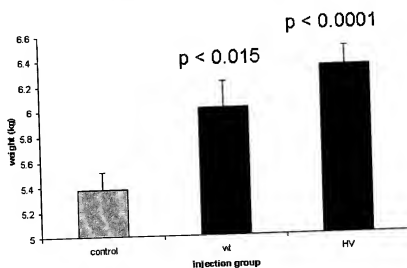
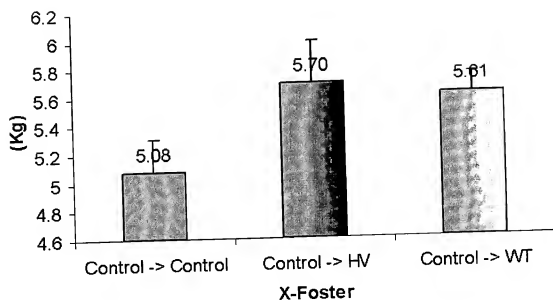


FIG. 9

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Wean Weight



Wean Weight	Average	St. Error	P-Value
Control -> Control	5.08	0.23	0.05
Control -> HV	5.70	0.30	0.03
Control -> WT	5.61	0.15	0.03

FIG. 10

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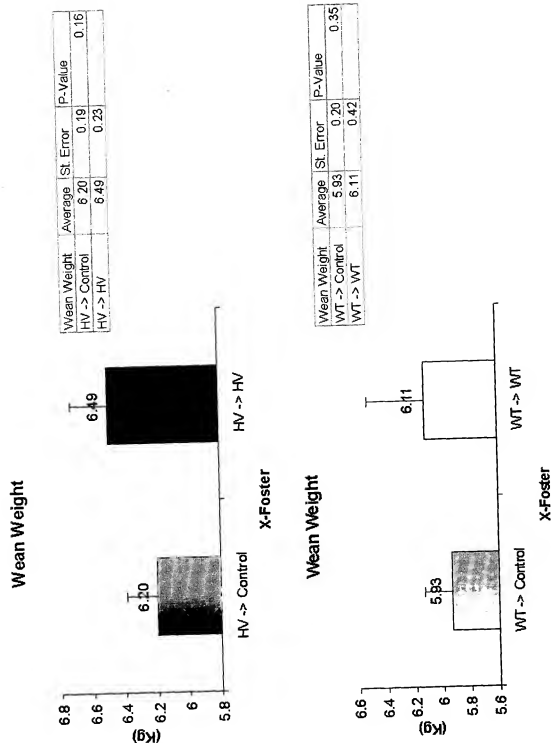
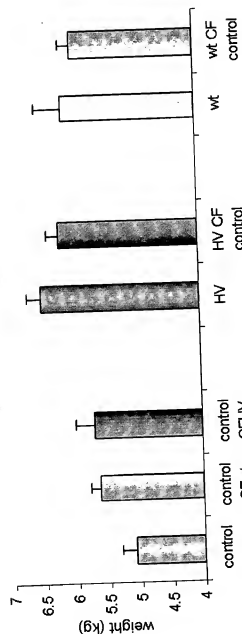


FIG. 11

Pregnant sow experiment - pHV-GHRH / pwt-GHRH
cross-foster experiments



group % increase

control	10.498837
control CFwt	12.204744
control CFHV	27.8491504
HV CF control	22.0473441
wt	20.3248031
wt CF control	16.1322835

FIG. 12

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Pregnant sows were injected with pSP-HV-GHRH or pSP-wt-GHRH in late gestation
Piglets were analyzed to market weight
Slaughter weights at TAMU

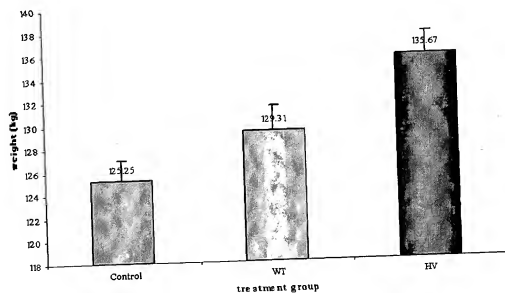


FIG. 13

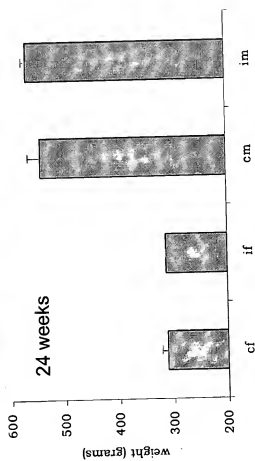
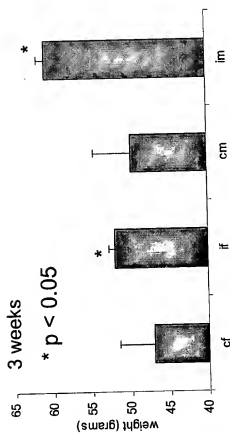
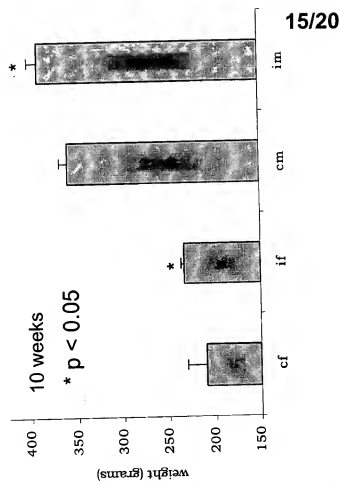


FIG. 14

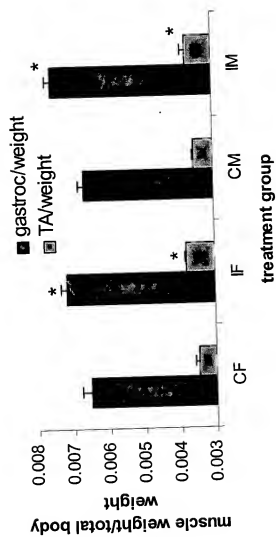


FIG. 15

102121-804F2001

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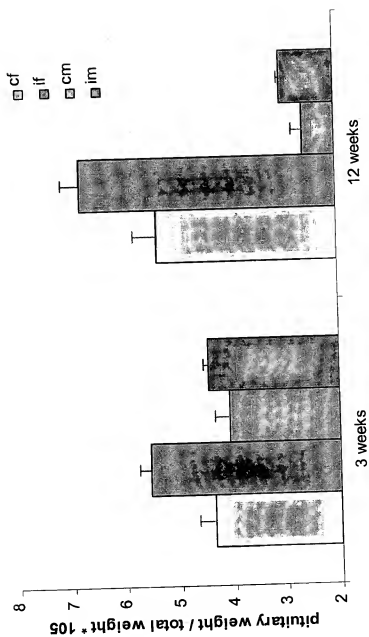
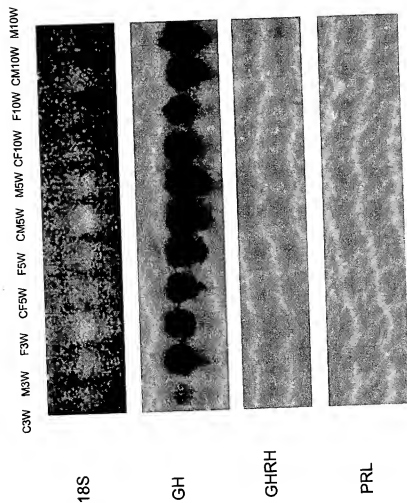


FIG. 16

102121- E0412001



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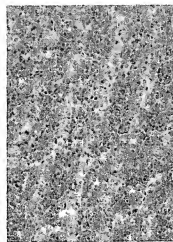
> 2.4 fold at 3 weeks

< by 20% at 3 weeks

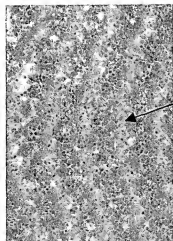
> 2.5 fold at 3 weeks

FIG. 17

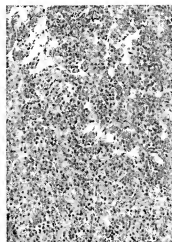
CM



IM



DAB staining marks in brown
the GH secreting cells



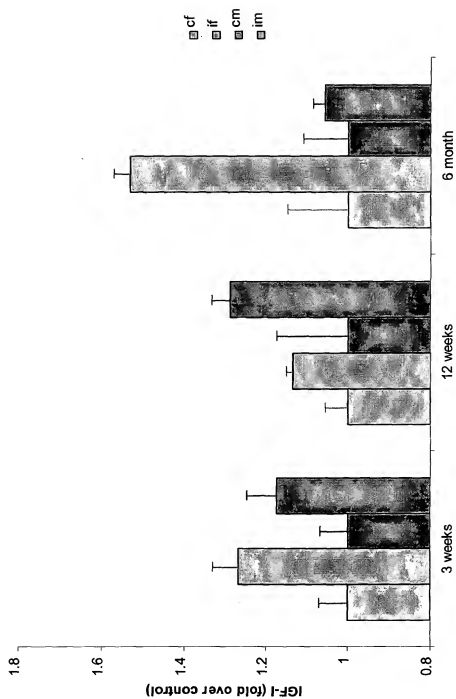
Neg. control

CM = offspring of control rats

IM = offspring of injected rats

Neg. control = no primary antibody

FIG. 18



Fold activation over control

IGF-I	3 weeks	12 weeks	24 weeks
cf	1	1	1
if	1.267911	1.136595	1.531806299
cm	1	1	1
lm	1.175287	1.289915	1.056674548

FIG. 19